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HTA/JM-26/58

EIGHT RAILROAD STATIONS, YARDS, AND SHOPS
ON THE SVOBODNYI/KHABAROVSK SECTION
OF THE TRANS-SIBERIAN RAILROAD

25X1D

This memorandum deals with rail facilities at eight localities between Svobodnyy and Khabarovsk on the double-tracked Trans-Siberian Railroad, as they appear on [REDACTED] photography. From west to east they are Zavitaya, Bureya, Arkhara, Obluchye, Izvestkovyy, Birakan, Bira, and Birobidzhan. Analysis of rail facilities at Svobodnyy, Kubyshevka-Vostochnaya, and Khabarovsk have been made previously in JM-14-58, JM-16-58, and JM-13-58, respectively, and rail traffic on this section of the road is covered in JM-12-58.

Izvestkovyy and Birobidzhan are junction points for major branch lines leaving this section of the Trans-Siberian, the line from Izvestkovyy running north to Urgal, and the one from Birobidzhan running south to Leniskoye on the Manchurian border.

An annotated photograph of each facility with descriptions of major features completes this memorandum.

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TOP SECRET CHESS

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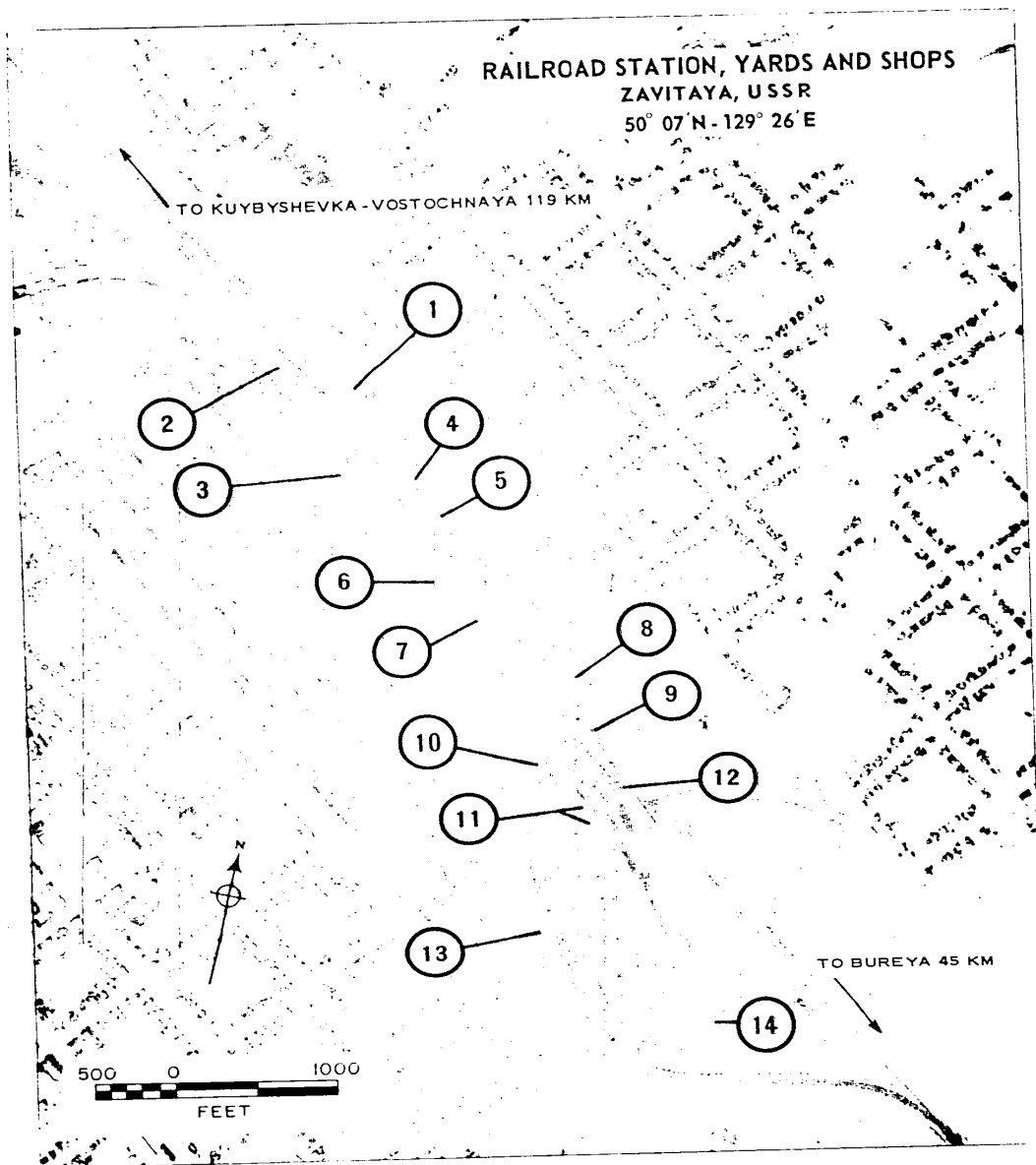
KEY TO ANNOTATIONS

ZAVITAYA RAILROAD STATION, YARDS, AND SHOPS

1. Holding yard, 5-6 tracks wide; maximum length 3,900 feet, effective length 3,000 feet.
2. Classification yard, 10-12 tracks wide including through track; maximum length 3,400 feet, effective length 2,400 feet.
3. Two freight warehouses, 165 by 50 feet and 90 by 60 feet.
4. Switch control tower, 45 by 40 feet.
5. Two maintenance buildings, 65 by 30 feet and 120 by 40 feet.
6. Passenger station, 200 by 45 feet.
7. Pedestrian walkway, 335 feet long.
8. Coal storage, reserve supply, 800 by 150 feet.
9. Two car repair/maintenance sheds and connecting shop: 175 by 80 feet with three tracks entering; 160 by 80 feet with three through tracks; and shop 200 by 80 feet.
10. Water standpipe, diameter 40 feet.
11. Two locomotive repair/maintenance sheds: 235 by 70 feet with three through tracks; and 185 by 80 feet with three through tracks.
12. POL storage, 4-6 small tanks.
13. Coaling facility, 1,100 by 300 feet.
14. Turning loop.

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KEY TO ANNOTATIONS

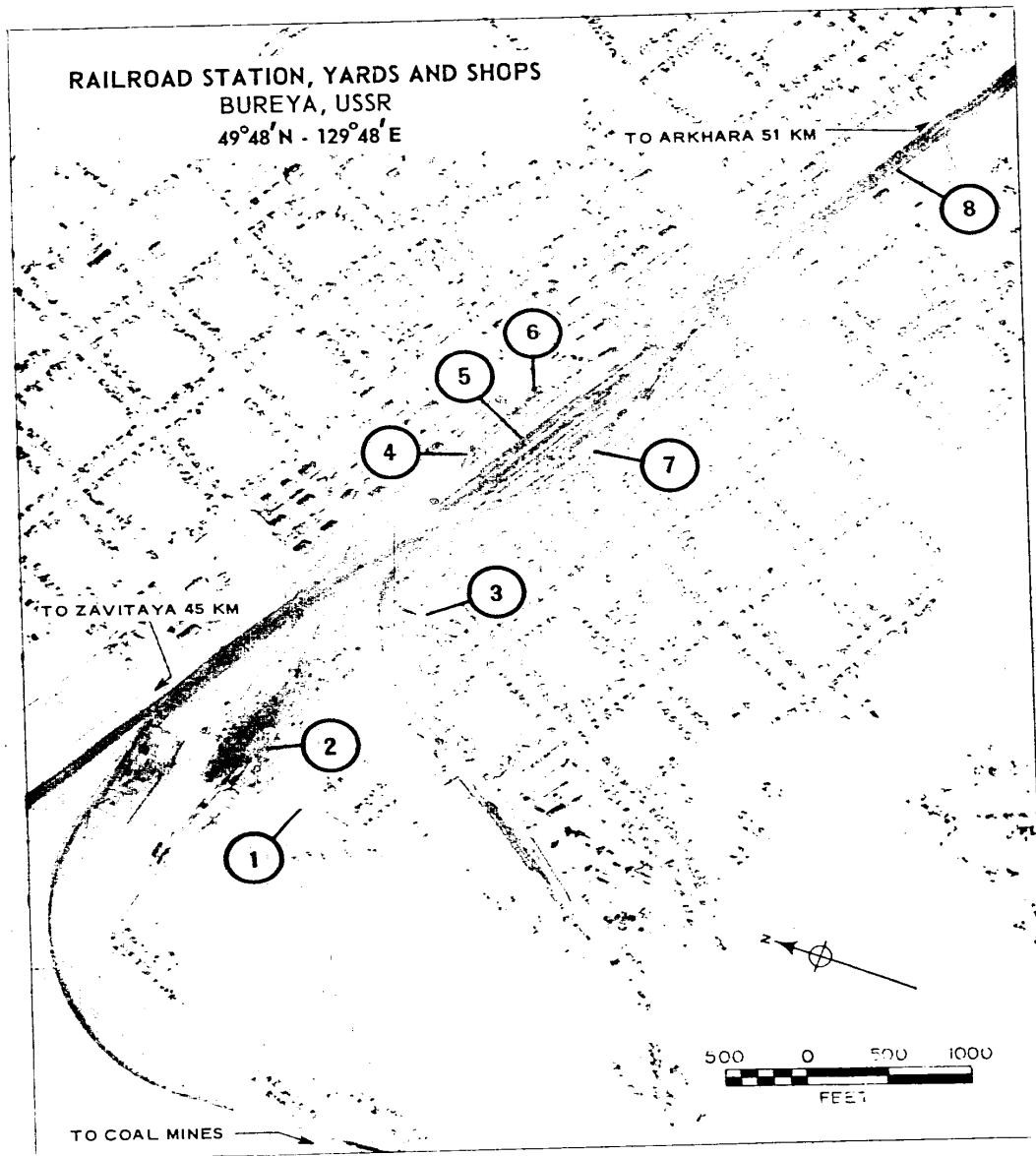
BUREYA STATION, YARDS, AND SHOPS

1. Turning wye, controlling length 210 feet.
2. Locomotive repair/maintenance shed and connecting shop: shed 170 by 75 feet with three through tracks; and shop 80 by 35 feet.
3. Water standpipe, 25 feet in diameter.
4. Switch control tower, 40 by 30 feet.
5. Holding/relay yard, 12 tracks wide; maximum length 3,500 feet, effective length 2,200 feet.
6. Passenger station under construction, 150 by 40 feet.
7. Car repair/maintenance shed, 195 by 60 feet with three through tracks.
8. Two dead-end sidings, 2,100 feet long.

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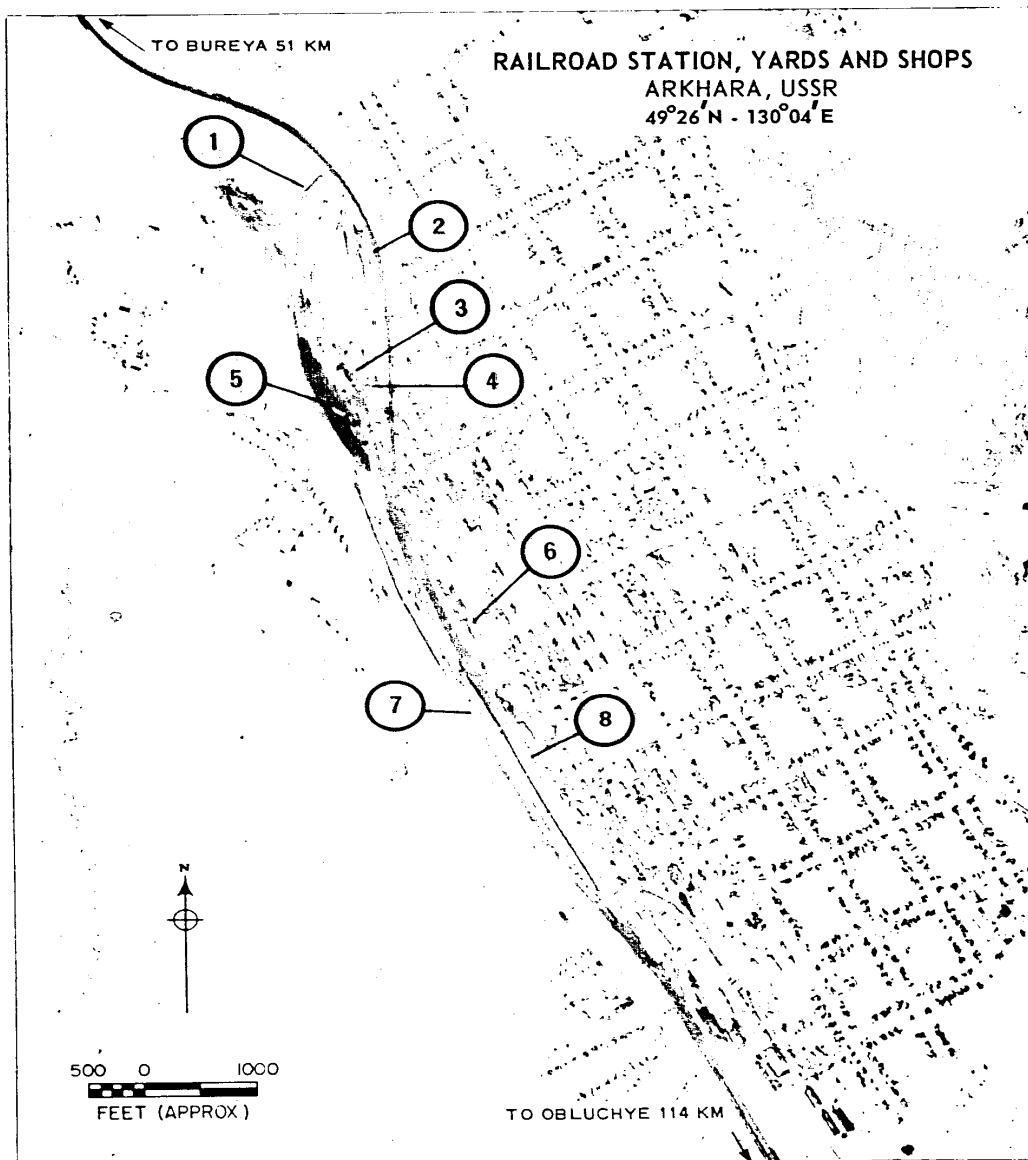
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KEY TO ANNOTATIONS

ARKHARA RAILROAD STATION, YARDS, AND SHOPS

1. Turning wye, controlling length 150 feet.
2. Coal reserve, 800 by 200 feet.
3. Locomotive repair/maintenance shed, 260 by 70 feet with three through tracks.
4. Water standpipe, 40 feet in diameter.
5. Coaling facility, 1,300 by 200 feet; served by six sidings and overhead loader.
6. Passenger station, 170 by 40 feet.
7. Eastbound holding/relay yard, 6-7 tracks wide; maximum length 4,500 feet, effective length 3,500 feet.
8. Westbound holding/relay yard, 6-8 tracks wide; maximum length 3,800 feet, effective length 2,900 feet.



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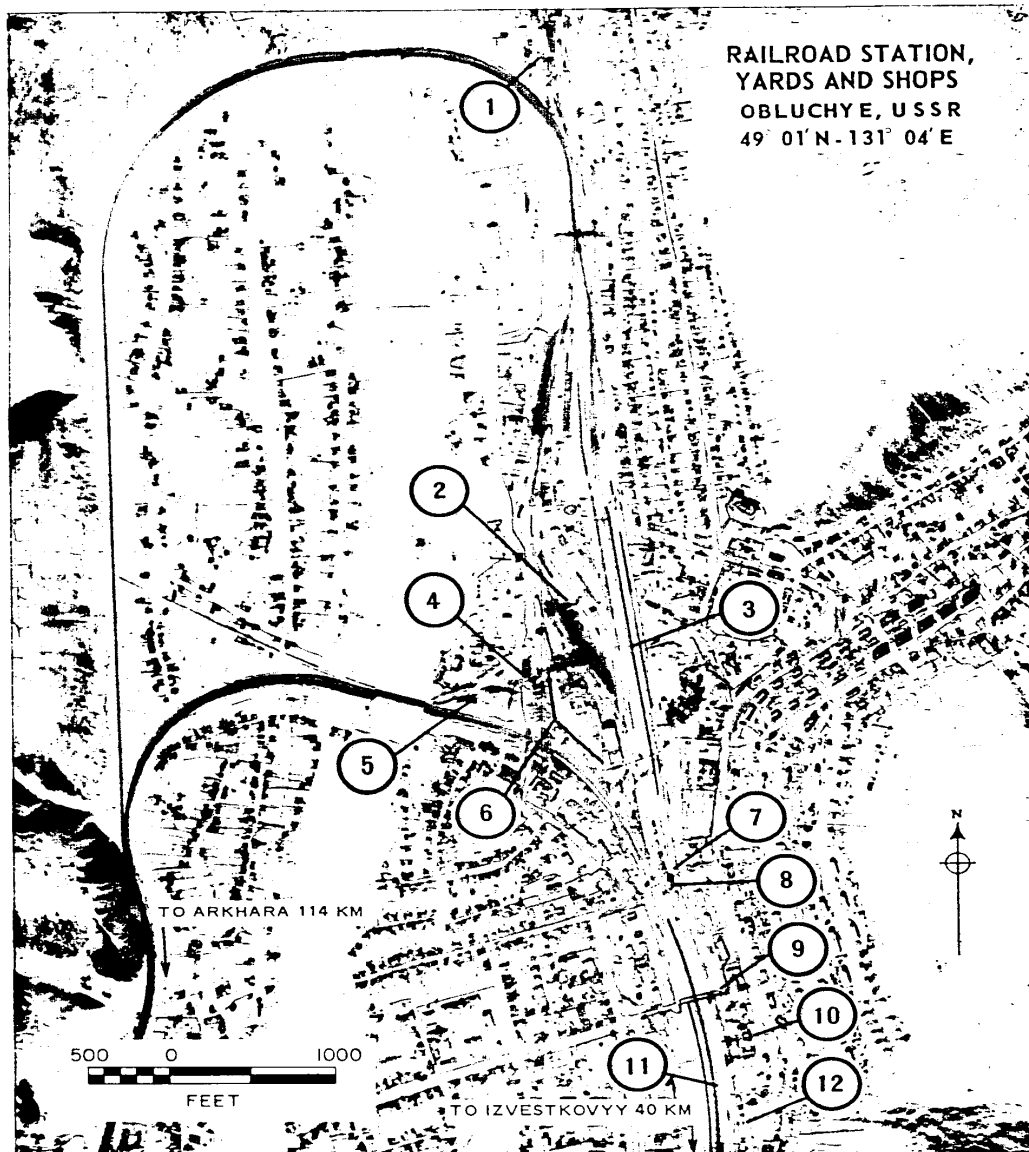
KEY TO ANNOTATIONS

OBLUCHYE RAILROAD STATION, YARDS, AND SHOPS

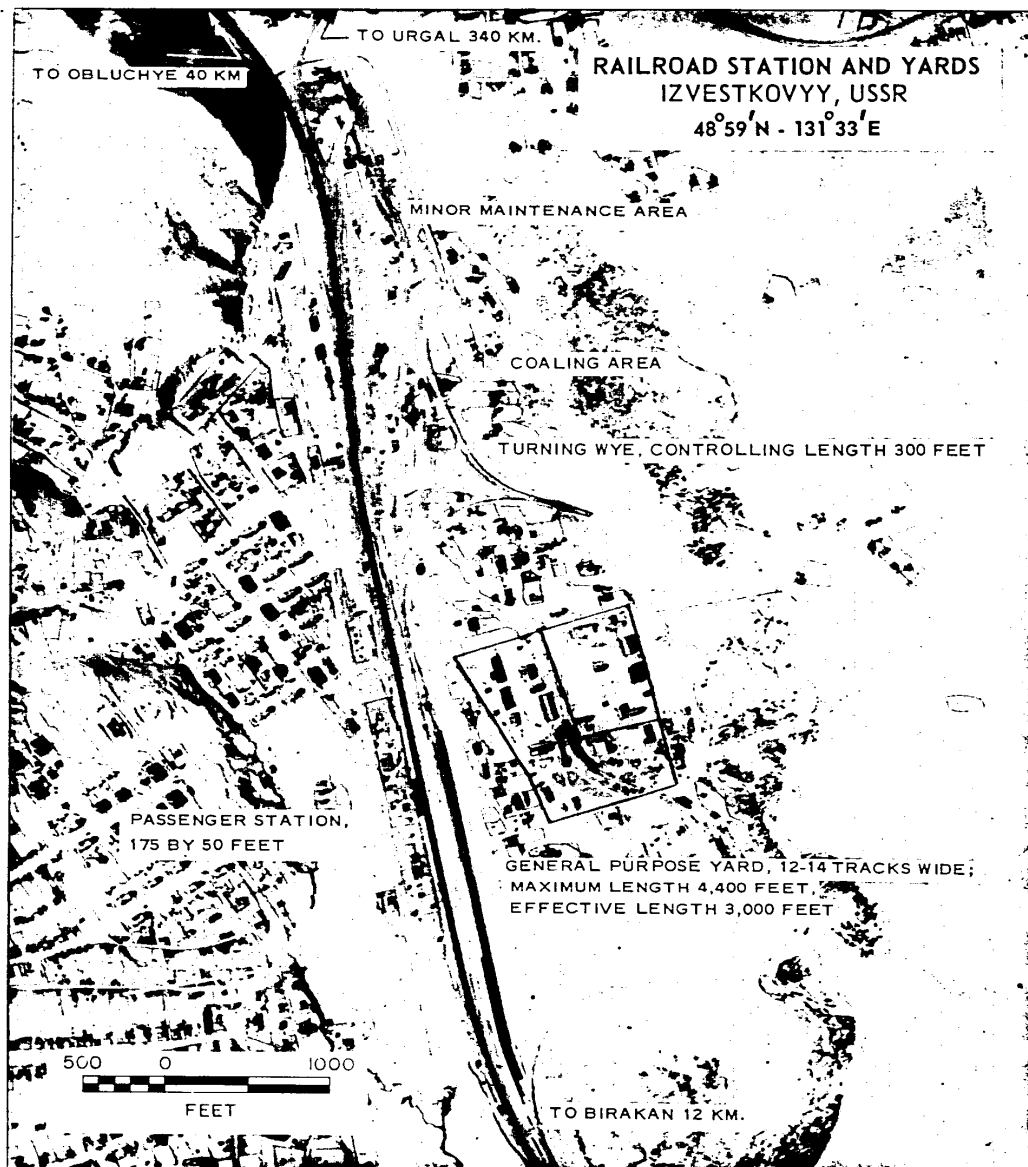
1. Car repair/maintenance shed and connecting shop, 200 by 80 feet with two through tracks.
2. Coaling facility, 850 by 400 feet; served by overhead loader and 10-12 tracks.
3. Westbound holding/relay yard, 10-12 tracks wide; maximum length 3,600 feet, effective length 2,900 feet.
4. Boilerhouse, 70 by 55 feet.
5. Turning wye, controlling length 200 feet.
6. Three locomotive repair/maintenance sheds: 270 by 70 feet with three tracks entering; 255 by 65 feet with three tracks entering; and 250 by 85 feet with three through tracks. Two connecting shops, 185 by 65 and 210 by 65 feet.
7. Freight office, 55 by 30 feet.
8. Switch control tower, 40 by 35 feet.
9. Pedestrian walkway, 310 feet long.
10. Passenger station, 130 by 75 feet.
11. Eastbound holding/relay yard, 10-12 tracks wide; maximum length 3,700 feet, effective length 2,800 feet.
12. Three warehouses, 55 by 25 feet, 130 by 25 feet, and 50 by 25 feet.

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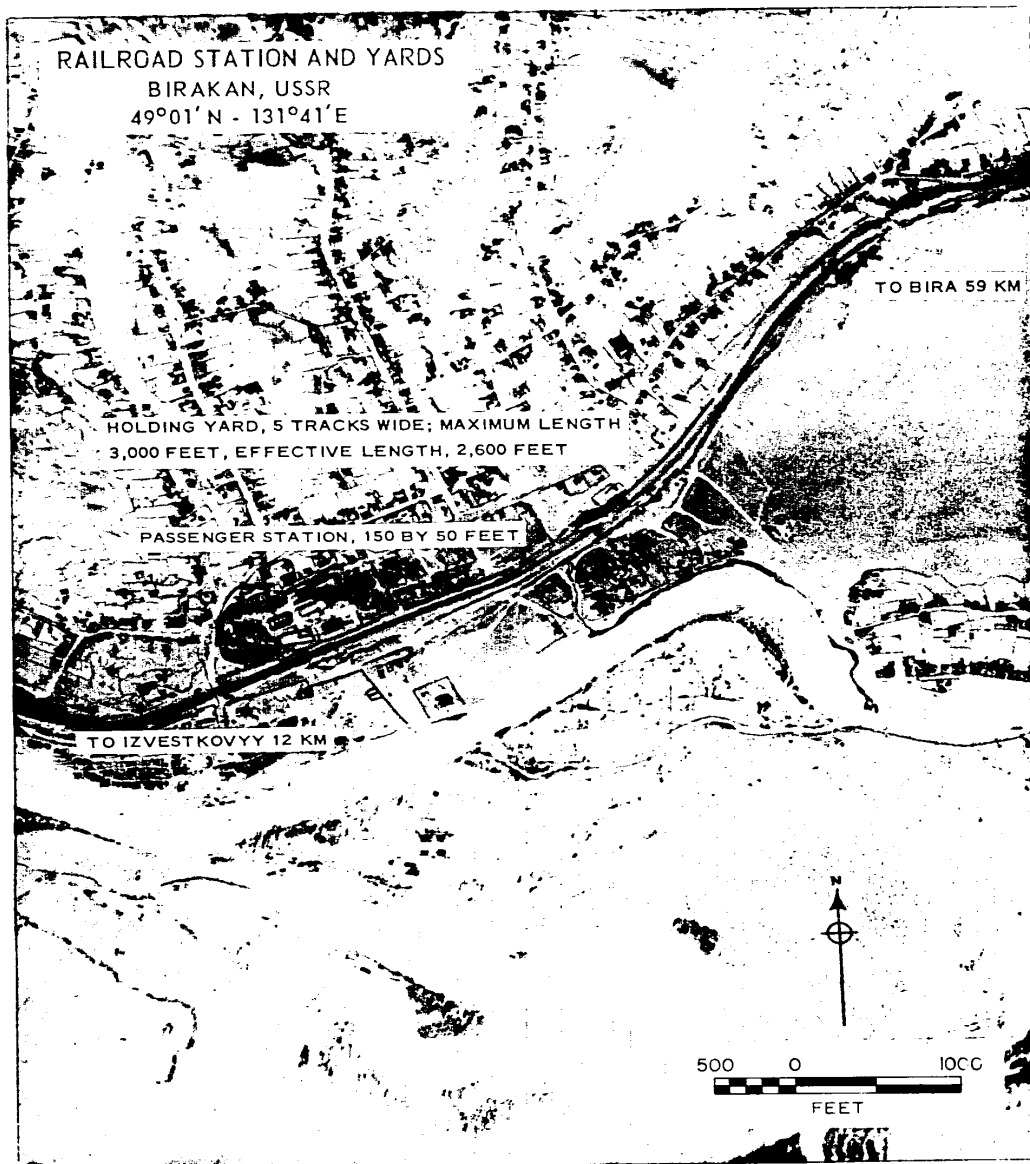
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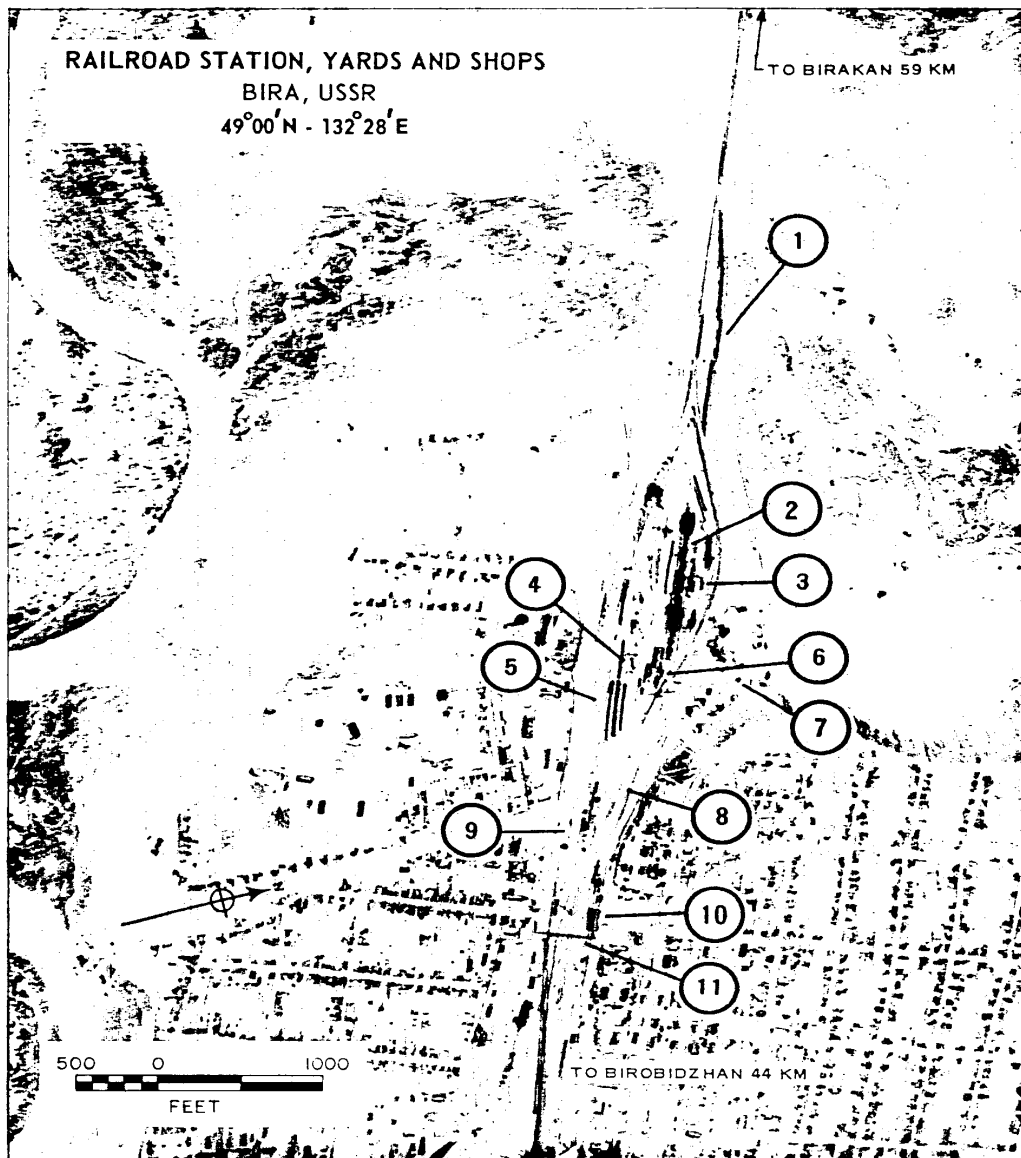
BIRA RAILROAD STATION, YARDS, AND SHOPS

1. Railroad bridges over the Nikita River, each approximately 280 feet long. Each bridge consists of four through steel trusses 70 feet long.
2. Coaling facility, 1,400 by 300 feet with a probable coaling tower.
3. Boilerhouse, 110 by 40 feet.
4. Turntable, 80 feet in diameter.
5. Coal reserve, 1,500 by 150 feet.
6. Two locomotive repair/maintenance sheds: 160 by 60 feet with three through tracks; and 160 by 40 feet with two through tracks.
7. Turning wye, controlling length 150 feet.
8. Westbound holding/relay yard, 7-8 tracks wide; maximum length 3,100 feet, effective length 2,400 feet.
9. Eastbound holding/relay yard, 5 tracks wide; maximum length 2,900 feet, effective length 2,400 feet.
10. Passenger station, 150 by 40 feet.
11. Pedestrian walkway, 370 feet long.

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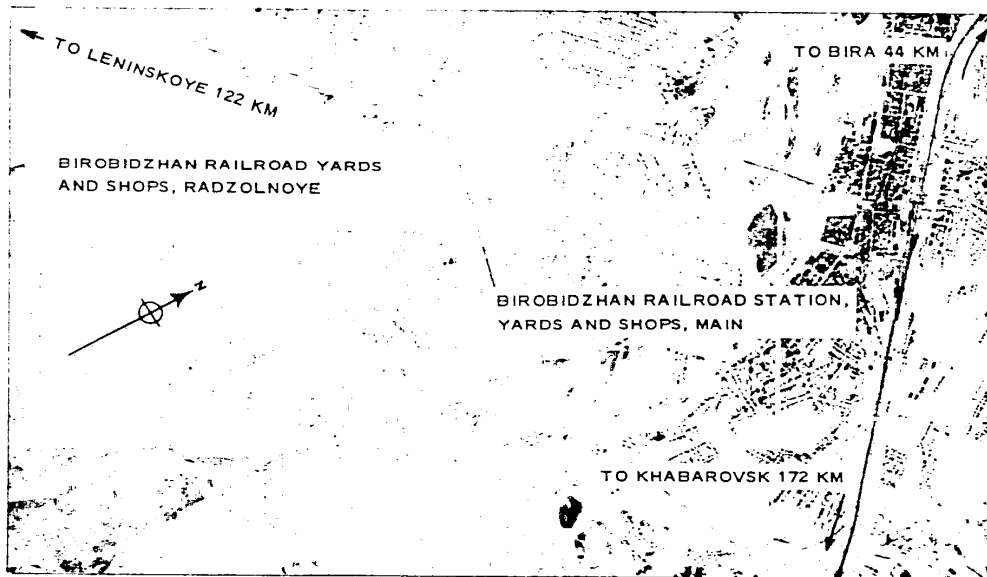


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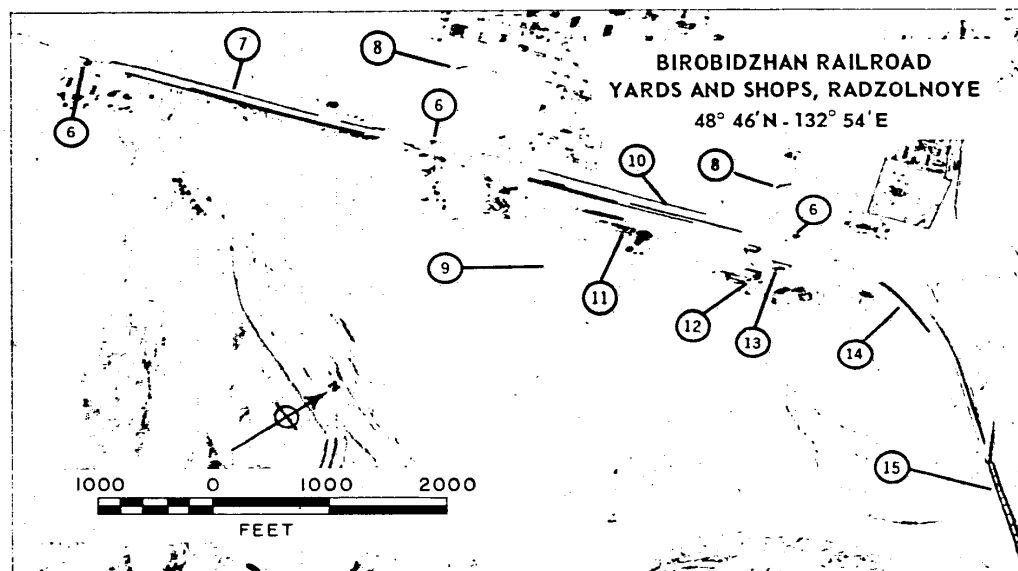
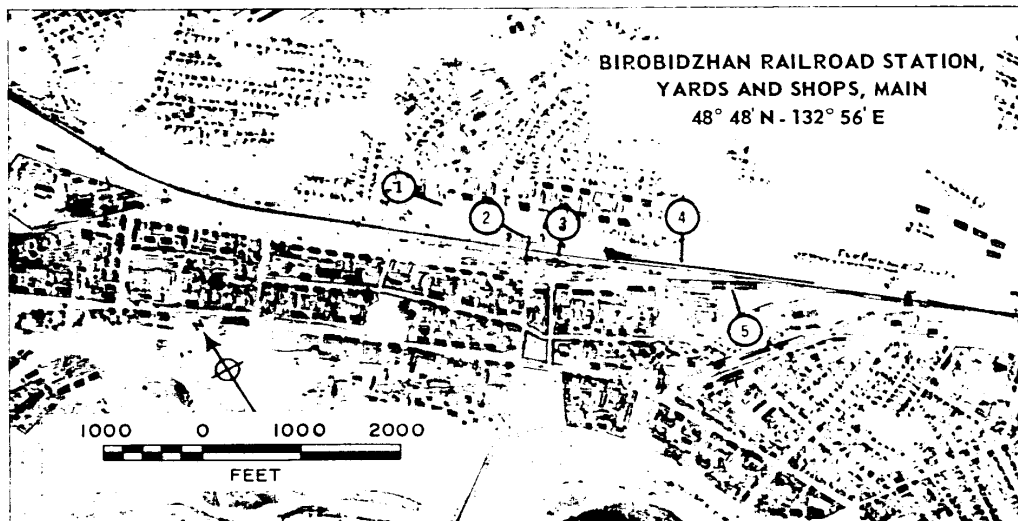
1. Water tank, 40 feet in diameter.
2. Pedestrian walkway, 310 feet long.
3. Passenger station, 205 by 50 feet.
4. Holding and station yard, 6-9 tracks wide, maximum length 8,200 feet, effective length 6,600 feet.
5. Two warehouses, 135 by 35 feet and 240 by 25 feet; rail served.
6. Three switch control towers, 40 by 30 feet.
7. Holding yard, 4-6 tracks wide; maximum length 3,300 feet, effective length 2,700 feet.
8. Two water tanks, 25 feet in diameter.
9. Turning wye.
10. Classification yard, 6-8 tracks wide; maximum length 3,400 feet, effective length 2,500 feet.
11. Coaling area, 1,500 by 200 feet and served by three tracks.
12. Locomotive repair/maintenance shed, 125 by 80 feet; three through tracks and connecting shop building, 200 by 60 feet.
13. Car servicing/maintenance area.
14. Storage yard, 3-4 tracks wide; maximum length 2,500 feet, effective length 2,300 feet.
15. Single-track bridge over the Bolshaya Bira River, total length 1,075 feet. Consists of ten deck-type spans, each [redacted] feet long, and three through steel trusses, each 105 feet long.

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TOP SECRET CHESSE

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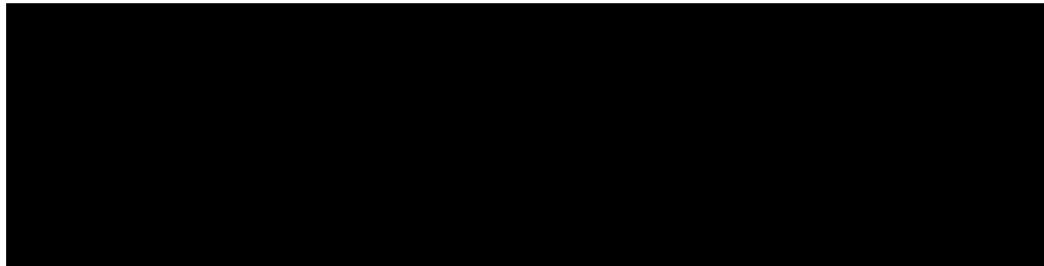


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REQUIREMENT: This Joint Photographic Intelligence Memorandum presents an analysis of the railroad yards and facilities at eight localities on the Svobodnyy/Khabarovsk section of the Trans-Siberian Railroad. It has been prepared by CIA and Army and is intended to satisfy Army requirements as specified in SRI 35-1-58 and CIA requirements as specified in RR/HTA/E/R-45/58.

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PHOTO DATA:



ATMP:

Bureya, 0203-9996-0-25A, 1st Ed., Aug 57. (S)
Arkharu, 0203-9998-0-25A, (Prov), 1st Ed., Jul 57. (S)
Bira, 0203-9990-0-25A, 1st Ed., Nov 57. (S)

REFERENCES:

Army, Far East Command Special Report No. 235, Urban Intelligence Report, Series 22, Minor Towns of Southeastern Siberia, USSR, 4 Feb 57. (C)
Army, Far East Command. Atlas of Town Plan Maps, Vol. 1 and 2. (S)
Army, Far East Command. Special Report No. 233, Urban Intelligence Report Series, Fragmentary Data on USSR Towns: 19 Minor Towns in Khabarovskiy Kray, May 45-Jan 59. (C)

COORDINATES AND B. E. NUMBERS:

Zavitaya	50°07'N/129°26'E
Bureya	49°48'N/129°48'E
Arkharu	49°26'N/130°04'E
Obluchye	49°01'N/131°04'E
Izvestkovyy	48°59'N/131°33'E
Birakan	49°01'N/131°41'E
Bira	49°00'N/132°28'E
Birobidzhan	48°48'N/132°57'E

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